

## LAW OFFICES

## GREENBLUM &amp; BERNSTEIN, P.L.C.

PATENT, COPYRIGHT AND TRADEMARK CAUSES

1950 ROLAND CLARKE PLACE

RESTON, VA 20191

TEL: (703) 716-1191

FAX: (703) 716-1180

EMAIL: [gpatent@gpatent.com](mailto:gpatent@gpatent.com)[www.gpatent.com](http://www.gpatent.com)

CLARK W. MARTIN\*  
 DANIEL B. MOON  
 HANNU RITNER  
 BRIAN C. CAREY\*  
 PAUL T. LEE\*  
 JOHN V. MAZZOLAR  
 CAITLIN LIHOMMEDIEU  
 JOHN HILTON  
 SARAH S. TOOMBAY\*  
 KATHY K. TAKEGUCHIC

OF COUNSEL:  
 OLIVER R. ASHE, JR.  
 BRUCE H. STONER, JR.

TECHNICAL ADVISORS:  
 TU ANH PHAN, Ph.D.  
 KATRIN YENTER, Ph.D.  
 DONALD SCALTRITO, Ph.D.  
 AKIRA IRE

\*ADMITTED TO A BAR  
 OTHER THAN VA  
 •EUROPEAN PATENT ATTORNEY  
 ♦KOREAN PATENT ATTORNEY  
 CREGISTERED PATENT AGENT

## FACSIMILE COVER LETTER

\*\*\*\*\*

From: GREENBLUM &amp; BERNSTEIN, P.L.C.

Date: March 10, 2005

To: U.S. Patent and Trademark Office

Attn: Office of Initial Patent Examination's Customer Service Center

File No.: Appl. No. 09/652,008; Our Ref.: P19585

Telefax Number: 703 746 9195

TOTAL NUMBER OF PAGES, INCLUDING COVER LETTER: 10

IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CONTACT US:

TELEPHONE: (703) 716-1191

FAX: (703) 716-1180

\*\*\*\*\*CONFIDENTIALITY NOTE\*\*\*\*\*

The documents accompanying this facsimile transmission contain information from the law firm of GREENBLUM & BERNSTEIN, P.L.C. which is confidential and/or privileged. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this facsimile information is prohibited. If you have received this facsimile in error, please notify us by telephone at (703) 716-1191 immediately so that we can arrange for the retrieval of the original documents at no cost to you.

\*\*\*\*\*

GREENBLUM & BERNSTEIN, P.L.C.  
Intellectual Property Causes  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191

3/10/2005

File In: FAX

The Patent Office Date stamp hereon is an acknowledgement that, on the date indicated, the Patent Office received the following:

(X) Request for Correction at Filing Receipt

- Amendment \_\_\_\_\_  
 Executed Assignment and cover letter  
 Executed S.E.S.  S.E.S. Assertion  
 Req. for Ext. of Time  
 Fee Filing   
     Recording   
     Issue   
     Extension   
     Publication   
     \_\_\_\_\_   
 Fee Transmittal  
 Maintenance Fee Payment  
 PTOL-85B Issue Fee & Publication Fee  
     (with copy)  
 Cover Letter Regarding Drawings  
 Design Patent Application Transmittal  
 Utility Patent Application Transmittal  
 Provisional Application Cover Sheet  
 Request for Continued Examination  
     (RCE) including Submission  
 Cover Letter  
 Check No.                  for \$ \_\_\_\_\_  
 Credit Card Payment  
     (Form PTO-203B) for \$ \_\_\_\_\_  
 Rule 53b and 53f Letter for  
     Unexecuted Application  
 Application Data Sheet  
  
 Claim of Priority & Certified  
     Copy of \_\_\_\_\_  
  
 Declaration  Executed  
      Unexecuted  
      Copy from parent  
 Transmittal Letter  
 Patent Application  
      Provisional  Reexam  
      Reissue  Design  
      Continuation  CIP  
      Divisional  
  
     \_\_\_\_\_ pages (w/abstract)  
     \_\_\_\_\_ claims \_\_\_\_\_ independent  
     \_\_\_\_\_ sheets of drawings  
     \_\_\_\_\_ figures  
 I.D.S. form PTO-1449 &  
     Documents  as attached  
      as listed on  
     reverse  
 One self-addressed postcard  
 Certification under 1.97(e)  
 Certificate of Mailing (C-O-M)  
 Returned Envelope  
  
     (x) Copy of Official Filing Receipt  
     (x) Copy of Utility Patent Application Transmittal  
     \_\_\_\_\_

In the matter of : SCANNING OPTICAL SYSTEM FOR TANDEM TYPE PRINTER

Applicant : Junji KAMIKUBO et al.

Application No. : 09/652,008

Filed : 8/31/2000

Patent No. 3

Issued:

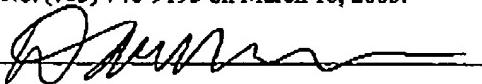
Docket : P19585

P19585.A06

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Junji KAMIKUBO et al.      Office of Initial Patent Examination's  
Customer Service Center  
Serial No : 09/652,008  
Filed : August 31, 2000  
For : SCANNING OPTICAL SYSTEM FOR TANDEM TYPE PRINTER

Certificate of Transmission under 37 CFR 1.8  
I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark  
Office, Fax No. (703) 746-9195 on March 10, 2005.

Signature 

Daniel B. Moon Reg. No. 48,214  
Typed or printed name of person signing Certificate

## REQUEST FOR CORRECTION OF FILING RECEIPT

Commissioner for Patents  
U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop O.I.P.E.  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

The customer number of the above-identified application, as it appears on the Official Filing Receipt, is incorrect. The customer number should read 7055. The Applicants note the customer number was correctly submitted on the Utility Patent Application Transmittal filed on August 31, 2000 and the Declaration filed on November 1, 2000. Also attached, please find a copy of the incorrect Official Filing Receipt with the requested change noted thereon and the correctly submitted Utility Patent Application Transmittal and the Declaration.

P19585.A06

Please correct the customer number of the above-identified application to read as follows:

7055

and forward a corrected copy of the Filing Receipt to the undersigned.

Respectfully submitted,  
Junji KAMIKUBO et al.

  
Daniel B. Moon  
Reg. No. 48,214  
Bruce H. Bernstein  
Reg. No. 29,027

March 10, 2005  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/652,008	08/31/2000	2622	690	P19585.P03	7	4	2

7055 ←

Greenblum & Bernstein PLC  
 1941 Roland Clarke Place  
 Reston, VA 20191

## FILING RECEIPT



\*OC000000005502559\*

Date Mailed: 10/25/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Junji Kamikubo, Tokyo, JAPAN;  
 Daisuke Koreeda, Tokyo, JAPAN;

RECEIVED

## Continuing Data as Claimed by Applicant

OCT 30 2000

## Foreign Applications

GREENBLUM & BERNSTEIN, P.L.C.

JAPAN HEI 11-248465 09/04/1999

If Required, Foreign Filing License Granted 10/24/2000

## Title

Scanning optical system for tandem type printer

## Preliminary Class

358

Data entry by : TUTT, TONDENICA

Team : OIPE

Date: 10/25/2000



**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related application(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "Improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

<p>P19585.P01</p> <p style="text-align: center;"><b>UTILITY PATENT APPLICATION TRANSMITTAL</b></p> <p>(Only for new nonprovisional applications under 37 CFR 1.53(b))</p>	<p>Attorney Docket No.</p> <p>P19585</p>	Total Pages	
	<p>Inventor(s) or Application Identifier Junji KAMIKUBO and Daisuke KOREEDA</p>		
	<p>Title: SCANNING OPTICAL SYSTEM FOR TANDEM TYPE PRINTER</p>		
<p>ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231</p>			
APPLICATION ELEMENTS		ACCOMPANYING APPLICATION PARTS	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages <u>30</u>] (preferred arrangement set forth below)            - Descriptive title of the Invention            - Cross References to Related Applications            - Statement Regarding Fed sponsored R &amp; D            - Reference to Microfiche Appendix            - Background of the Invention            - Brief Summary of the Invention            - Brief Description of the Drawings (if filed)            - Detailed Description            - Claim(s)            - Abstract of the Disclosure</p> <p>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>7</u>]</p> <p>4. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>3</u>]            a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted            b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))            (for continuation/divisional with Box 18 completed)            [Note Box 5 below]            i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u>            Signed statement attached deleting inventor(s)            named in the prior application, see 37 CFR 1.63(d)(2)            and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked)            The entire disclosure of the prior application, from which a copy            of the oath or declaration is supplied under Box 4b, is considered            as being part of the disclosure of the accompanying application            and is hereby incorporated by reference thereto.</p> <p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission            (if applicable, all necessary)            a. <input type="checkbox"/> Computer Readable Copy            b. <input type="checkbox"/> Paper Copy            c. <input type="checkbox"/> Statement verifying identity of above copies</p>		<p>8. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>10. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1499 <input type="checkbox"/> Copies of IDS Citations</p> <p>12. <input type="checkbox"/> Preliminary Amendment</p> <p>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)            (Should be specifically itemized)</p> <p>14. <input type="checkbox"/> Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application,            Status still proper and desired</p> <p>15. <input type="checkbox"/> The prior application is assigned of record to _____</p> <p>16. <input checked="" type="checkbox"/> Foreign priority claimed            a. <input checked="" type="checkbox"/> Claim of Priority            b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>17. <input checked="" type="checkbox"/> Other: <u>Cover Letter under 37 C.F.R. 1.53(b) and (f)</u>            _____            _____            _____            _____            _____            _____</p>	
<p>18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  <input type="checkbox"/> Continuation   <input type="checkbox"/> Divisional   <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. _____ / _____, filed _____</p>			
<p>19. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence:            This application is a _____ continuation-in-part, _____ continuation, _____ division, of Application No. _____ / _____, filed _____.</p>			

Address all future correspondence to Customer No. 7855 at the present address of:

**GREENBLUM & BERNSTEIN, P.L.C.**  
 1941 Roland Clarke Place  
 Reston, VA 20191  
 (703) 716-1191

Date

Signature

Bruce H. Bernstein, Reg. No. 29,027  
 Typed or Printed Name

**Declaration and Power of Attorney For Utility or Design Patent Application**  
**特許出願宣言書**

**Japanese Language Declaration**

私は、下欄に氏名を記載した発明者として、以下のとおり  
です：

私の住所、郵便の宛先名および国籍は、下欄に氏名に続けて記載したとおり  
あります。

各項の発明に関し、請求の範囲に記載した特許を求める主権の本末の、  
最初にして唯一の発明者である(一人の名のみが下欄に記載されている  
場合)か、もしくは本末の、最初にして共同の発明者である(複数の氏名が  
下欄に記載されている場合)と信じ、

上記発明の明細書(下記の箇で△印がついていない場合には、  
本書に添付)に、

□ 年 月 日に提出され、

米国出願番号 とし、

(該当する場合) 年 月 日に訂正されました。又は、

特許協定契約国際出願番号 とし、

(該当する場合) 年 月 日に訂正されました。

私は、前記のとおり補正した請求の範囲を含む新訂明細書の内容を検討  
し、理解したことと陳述する。

私は、連邦規則法典第37編第1条第56項に定義されるときり、特許宣  
告の有無について重要な情報を開示すべき義務があることを認めます。

私は合衆国法典第35編第119条(イ)(1)項又は第365条(6)項に基づく、下  
記の外国特許出願又は発明者証出願、或いは第365条(6)項に基づく、少な  
くとも米国以外の1ヶ国を指名したPCT国際出願の外国優先権を主張し、  
更に後元日の主権に係わる番号出願の出願日前の出願日を有する外国特許  
出願、又は発明者証出願又はPCT国際出願を以下になしの欄に印を  
つけることにより明記する：

Prior foreign applications

他の外國出願

HEI 11-248465

(Number)  
(番号)

JAPAN

(Country)  
(国名)

2/September/1999

(Day/Month/Year Filed)  
(出願の年月日)

(Day/Month/Year Filed)  
(出願の年月日)

□ その他の外國特許出願番号に別紙の追加優先権にて記載する。

Additional foreign application numbers are listed on a  
supplemental priority sheet attached hereto.

## Japanese Language Utility or Design Patent Application Declaration

私は、合衆国法典第35部第119条(e)項に基づく、下記の合衆国仮特許出願の件名を主張する。

I hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

(Application No.) (出願番号)	(Day/Month/Year Filed) 出願の年月日
(Application No.) (出願番号)	(Day/Month/Year Filed) 出願の年月日
(Application No.) (出願番号)	(Day/Month/Year Filed) 出願の年月日

その他の合衆国仮特許出願番号は別紙の追加優先権にて記載する。

私は、合衆国法典第35部第120条に基づく下記の合衆国特許出願、又は第365条(c)項に基づく合衆国を指名したPCT国際出願の利益を主張し、本願の請求の範囲各項に記載の主題が合衆国法典第35部第112条第1項規定の意味で、先の合衆国特許出願又はPCT国際出願に開示されていない段階において、先の出願の出願日と本願の国内出願日又はPCT国際出願日の間に有効となつた逕取締則法典第37部第1章第56条に記載の特許条件に所要の情報を開示すべき義務を有することを認める。

COPY

Additional provisional application numbers are listed on a supplemental priority sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code §120 of any United States application(s), or §365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application No.) (出願番号)	(Day/Month/Year Filed) (出願の年月日)	(現況) (特許済み、係属中、放棄済み) (Status) (patented, pending, abandoned)
(Application No.) (出願番号)	(Day/Month/Year Filed) (出願の年月日)	(現況) (特許済み、係属中、放棄済み) (Status) (patented, pending, abandoned)

その他の合衆国又は国際特許出願番号は別紙の追加優先権にて記載する。

私は、ここに自己の知識にもとづいて行った陳述がすべて真実であり、自己の有する情報および信ずるところに従って行った陳述が真実であるとはじ、さらに故意に虚偽の陳述等を行った場合、合衆国法典第18部第1001条により、罰金もしくは懲罰に処せられるか、またにこれらの罰が併科され、またかかる故意による虚偽による陳述が本願に付与される特許の有効性を損なうことがあることを認認して、以上の陳述を行ったことを宣言する。

私は、下記署名者は、ここに記載の米国弁護士または代理人に本出願に關し特許商顧問にて取られるいかなる行動に關して、同米国弁護士又は代理人が、私に直接連絡なしに私の外國弁護士あるいは他の代理人からの指示を受け取り、それに従うようここに委任する。この事実を記す者が変更の場合には、ここに記載の米国弁護士又は代理人にその旨通知されら。

Additional U.S. or international application numbers are listed on a supplemental priority sheet attached hereto.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from either his foreign patent agent or corporate representative, if any, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

## Japanese Language Utility or Design Patent Application Declaration

日本、トヨタ自動車として、特許出願された機器装置の  
特許権者が本件に、代理人をここに立てる。本件の特許とそ  
の権利が日本にこれにて開示する一時の行為を特許庁に付して  
おこなう。そして全ての権利にこの特許権者名に送達さ  
れることを定めよう。

特許番号 7055  
特許出願された機器装置は下記の通りである。

POWER OF ATTORNEY. As a named inventor, I hereby appoint the attorney(s) and/or agent(s) associated with the Customer Number provided below to prosecute this application and transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

CUSTOMER NUMBER 7055

The appointed attorneys presently include:

Neil F. Greenblum  
Bruce H. Bernstein  
James L. Rowland  
Arnold Turk

Reg. No. 28,724  
Reg. No. 28,071  
Reg. No. 32,674  
Reg. No. 33,094

Address: GREENBLUM & BERNSTEIN, P.L.C.  
1941 ROLAND CLARKE PLACE  
RESTON, VA 20191

*COPY*

直接電話連絡元: (名前とよび電話番号)

Direct Telephone Calls to: (name and telephone number)

GREENBLUM & BERNSTEIN, P.L.C.  
(703) 761-1191

第一のまたに第一の発明者の名前	Full name of sole or first inventor: Junji KAMIKUBO		
発明者の署名	EIK	Inventor's signature <i>Junji Kamikubo</i>	Date <i>Sep. 8, 2000</i>
住所		Residence Tokyo, Japan	
国籍		Citizenship JAPAN	
郵便の宛先	Post Office Address c/o ASAHI KOGAKU KOGYO KABUSHIKI KAISEI, 36-9,		
第二の発明者の名前 (担当する場合)	Full name of second joint inventor, if any Daisuke KOREEDA		
第二の発明者の署名	EIK	Second Inventor's signature <i>Daisuke Koreeda</i>	Date <i>Sep. 6, 2000</i>
住所		Residence Tokyo, Japan	
国籍		Citizenship JAPAN	
郵便の宛先	Post Office Address c/o ASAHI KOGAKU KOGYO KABUSHIKI KAISEI, 36-9,		
	Maenicho 2-chome, Itabashi-ku, Tokyo, Japan		

次六三六にはそれ以後の共同発明者に対しても同様の情報を  
記入する旨を記載すること。)

(Similarly similar information and signature for those and  
subsequent joint inventors.)

Page 3 of 3

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

**BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**